



Features:

- Small size 5x3.2mm
- Low cost to performance
- Excellent for laptop and handheld PDA's
- Tristate or power down available

Specifications		AQO 5032	Remarks
Frequency range		1MHz ~ 160MHz	Please specify
Frequency stability		±25ppm ~ ±100ppm	Please specify
Operating temperature		0°C ~ +70°C - -40°C ~ +85°C	Please specify
		-40°C ~ +105°C	On enquiry
Storage temperature		-40°C ~ +85°C	Others are offered
Input	Voltage	1.8V / 2,5V / 3.3V / 5.0V	Please specify
	Current	20mA 1~3MHz	Max
		35mA 3~32MHz	Max
60mA >32MHz		Max	
Output symmetry		40% ~ 60%, 45% ~ 55%	Please specify
Output	Rise and fall time	10 ns	Max
Logic "0" level		CMOS +0.5V(10%VDD) LSTTL +0.4V max	
Logic "1" level		+4.5V(90%VDD) +2.4V min	
Output load		1~10 LSTTL or CMOS 15~50pF	Please specify

**Drawing**

AQO 5032

Denotes Pin1

RECOMMENDED SOLDERING PATTERN

PIN CONNECTION

P/N	
1	Enable/Disable
2	GND
3	Output
4	VDD

Dimensions in mm

**Order key**

Part	Frequency	Type	Tolerance	Voltage	Temperature	Load	Option	Packaging
O	- 10.000000M	- AQO 5032	- 50	- 5.0	- A	- /	- T	- TR
O=Oscillator	M=MHz	AQO=Quartz oscillator AQO 5032=SMD 5x3,2	±ppm	5.0=5.0Volt 3.3=3.3Volt 2.5=2.5Volt 1.8=1.8Volt	A= 0°C ~ +70°C B= -10°C ~ +60°C C= -10°C ~ +70°C D= -20°C ~ +70°C E= -40°C ~ +85°C	blank = 15pF 3 = 30pF 5 = 50pF	T=Tristate P=Power down	TR = tape + reeled